

FIGURE 1A

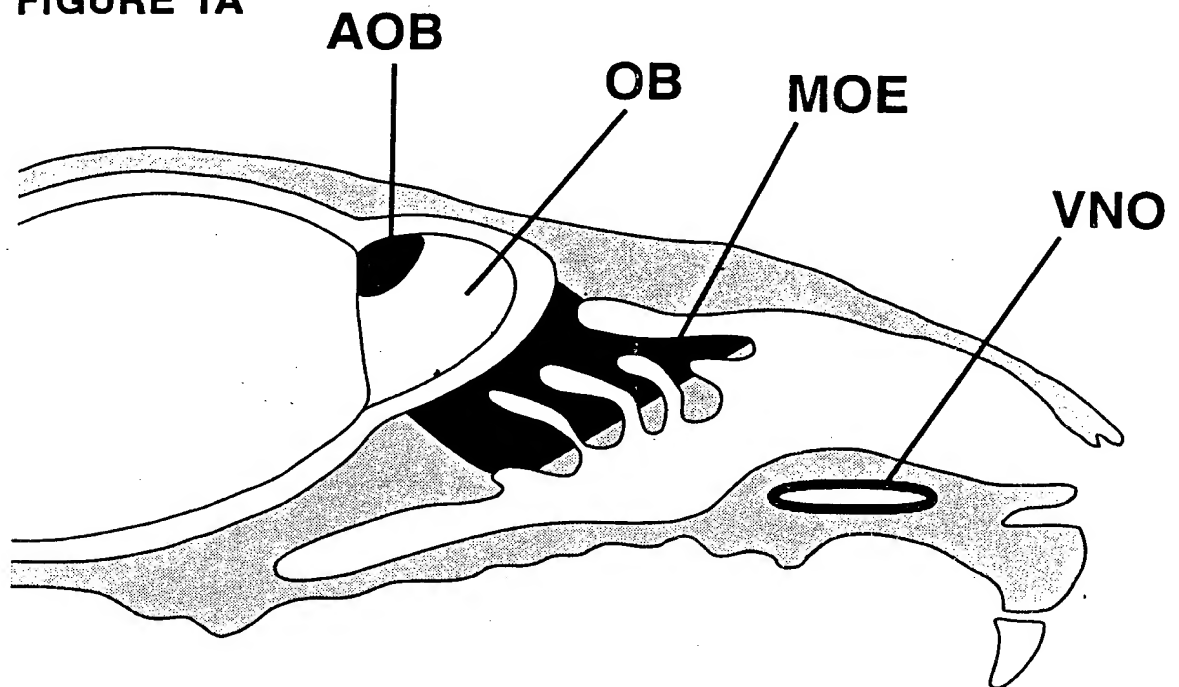
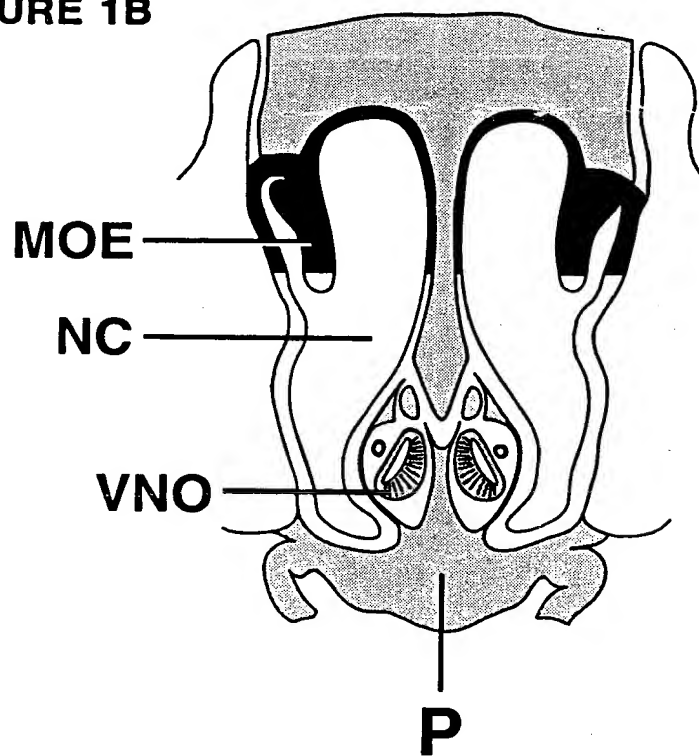


FIGURE 1B



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FIGURE 2A

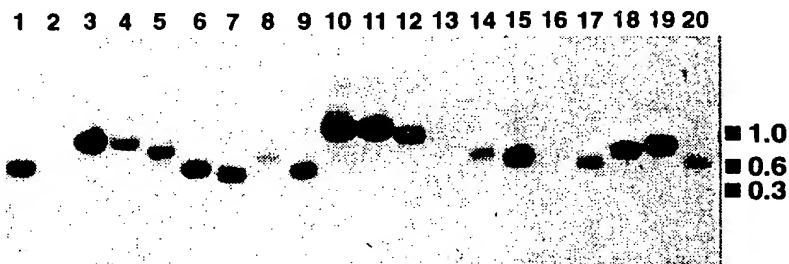


FIGURE 2B

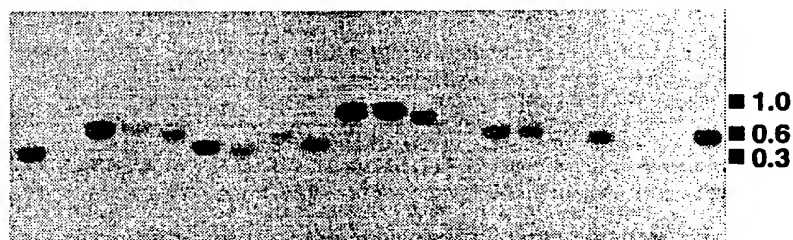
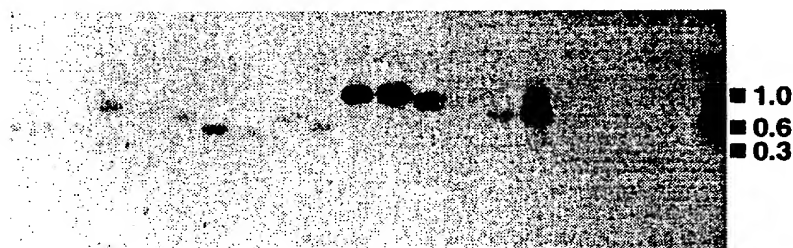


FIGURE 2C



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FIGURE 3A

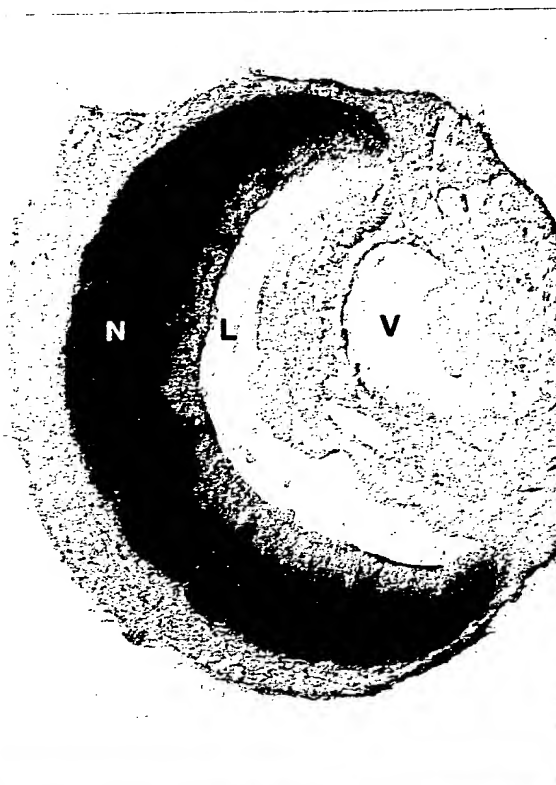


FIGURE 3B

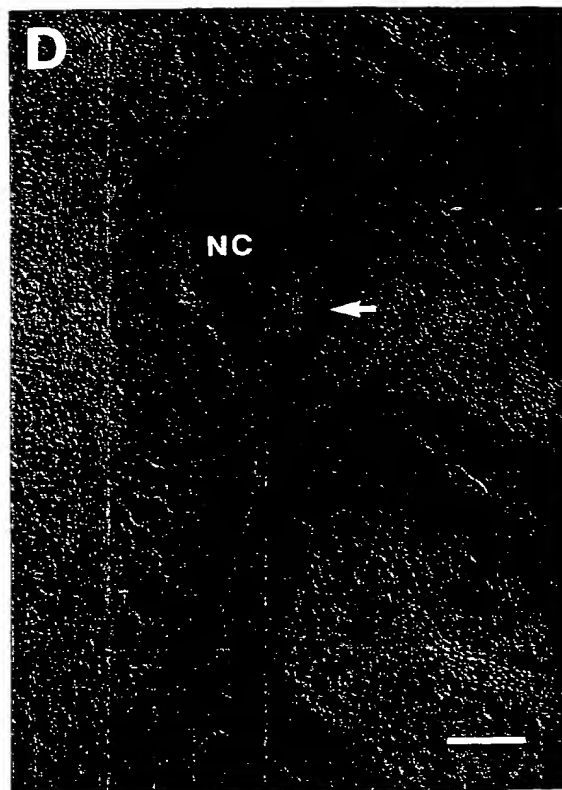
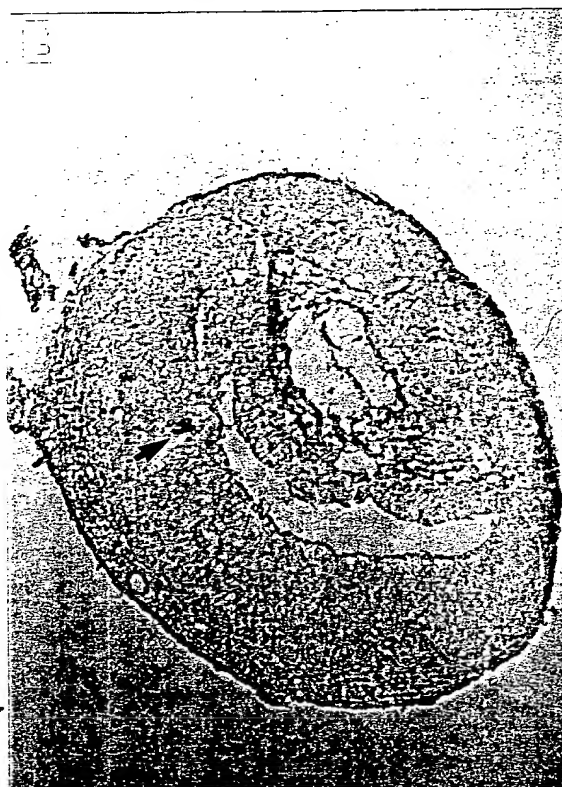


FIGURE 3C

FIGURE 3D

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II

I

VN1	MMNKNRRLYTDSNIRNTFFAEIGIGVGSANSL	LLFNIFKLCGQRRSLTDLPIGL	LSLINLMLMTAFIATDTFISWRGM	81
VN2	MMNKNRRLHIDSNIRNTFFTEIGIGVGSANSL	LLFNIFKFHIGRRSLTDLPIGL	LSLINLMLLMACIATDIFISCRWM	81
VN3	MMNKNRSLVHDSNIRNTFFTEIGIGILANSFL	LLFHIFKFIHQRRSLTDLPIGL	LSLIHLMLLMGAFIADIFISWRGM	81
VN4	MMNKNRSLVHDSNIRNTFFTEIGIGILANSFL	LLFHIFKFIHQRRSLTDLPIGL	LSLIHLMLLMGAFIADIFISWRGM	80
VN5	MMNKNRSLVHDSNIRNTFFTEIGIGILANSFL	LLFHIFKFIHQRRSLTDLPIGL	LSLIHLMLLMGAFIADIFISWRGM	47
VN6	MMNKNRSLVHDSNIRNTFFTEIGIGILANSFL	LLFHIFKFIHQRRSLTDLPIGL	LSLIHLMLLMGAFIADIFISWRGM	80
VN7	MMNKNRSLVHDSNIRNTFFTEIGIGILANSFL	LLFHIFKFIHQRRSLTDLPIGL	LSLIHLMLLMGAFIADIFISWRGM	81

III

IV

VVN1	DDIICKSLLYL	YRTFRGLS	LGTSCLL	SVLQAI	IILSPRSSCL	AKFKHKP	SHHIS	CAILS	LSVLYM	FISSHLL	LVSIATPNLT	162
VVN2	DDIICKSLLYL	YRTFRGLS	LGTSCLL	SVLQAI	IILSPRSSCL	AKYKHKP	PHHIF	CAME	FLSVLYM	FISSHLL	LVSIATPNLT	162
VVN3	DDIICKFLVYL	YRSFRGLS	LGTTGMI	SVLQAI	ITLSPRSSCL	AKFKHKS	PHHV	SCAII	SLSVLYM	FISSHLL	LVSIATPNLT	162
VVN4	DSTCQSLIYL	HRLRGFT	LISAAC	LLNVFWM	ITLSSKKSCL	TKFKHNS	SPHHIS	GAFLL	CVLYM	CFSSHLL	LVSIATPNLT	161
VVN5	DSTTCQSLIYL	DRLLRGFT	LCATGLL	NVLWT	ITLSPRSSCL	TEFKHKS	SPHHIS	GAFLL	FFCVLYM	ISFGSHLL	LVSIATPNLT	128
VVN6	NDICKSLAHL	HRLLRGLS	LCATGLL	SIFQAI	ITLSPRSSCL	AKFKYKS	TSQHSL	CSLL	LVLMAFYM	SCGTHYS	FTIVADYNFS	161
VVN7	DITTCRSLIYF	HRLLRGFN	LCAAC	GLLIHT	ITLSPRSSCL	TKFKHKS	SPHHIS	GAYLL	FFCVLYM	SFSSHLL	FVLVIATISNLT	162

✓

VVN1	TNDFIHVTQWCSII	LPMSYLMQSMFSTLL	LAIRDVFF	LISLMVLS	TWYMVALL	CHRRKQTR	HLQGGT	LS	SPKASPEQRATR	SILIM	243
VVN2	TNDFIHVSQSCSI	LPMSYLMQSMFSTLL	LAIRNVFF	LISLIV	LSTWYMVALL	CHRRKQTR	HLQDDT	TS	SRKASPEQRATR	SILIM	243
VVN3	TNNEFMQVITQSGYI	PLSYLMQSMFSTLL	LAIRDISI	LISLMVLS	TCYMEVLL	CHRRNQIQ	HLQGT	IN	SPKASPEQRATQIILM		243
VVN4	SDNFMVYTKSCSFL	PMCYSTRSMFSTII	AVREAF	FIGLMA	LSSGYLVAF	LWRHKKQAQ	HLHST	IG	LSSKSSPEQRATETILL		242
VVN5	SDNFMVYTKSCSFL	PMYSRTSMFSTPMA	IREAL	FIGLIG	LSSGYMVAF	LWRHKKQAQ	HLHST	TS	LSSKVSPEQRATRTIM		209
VVN6	SRSLIFVTIESGII	LPMDYITRLHFF	IGIFDVDS	FIGLMA	LSSGYMVALL	CHRRKQAQ	HLHRT	TS	SPKASPEQRATRILL		242
VVN7	SDHFMVYTKSCSLL	PMYSYRSTIESL	LMVIREVF	LISLMAL	LSSGYMVITL	LWRHKKQAQ	HLHST	TRL	SSKASPPQQRATRILL		243

VI

vii

VN1	LMSLFVLM	SVFDS	IVCSS	SRITM	YLN	NDP	IS	YSY	Q	L	FMV	H	I	YAT	V	SP	F	V	F	I	V	T	E	K	H	I	V	N	S	L	R	S	M	C	V	K	V	H	E	C	L	N	I	P	315											
VN2	LRSLFGL	MSIF	DSIAS	CSRTM	YLN	NDP	T	S	I	Q	L	LV	H	I	YAT	V	SP	F	V	M	I	T	E	K	H	I	V	N	Y	L	K	S	M	Y	V	R	V	L	N	V	311															
VN3	LMTEFFV	LM	SIV	SCSR	ITM	YLN	DP	T	S	Y	I	Q	I	F	G	V	D	I	YAT	V	SP	F	V	M	S	T	E	K	H	I	V	N	F	L	K	S	M	C	V	R	K	N	V	311												
VN4	LMSFFV	VLYI	LEN	VV	F	YS	R	M	F	K	D	G	S	T	F	C	V	I	I	V	S	H	S	YAT	V	SS	F	F	I	T	E	K	R	M	T	K	I	L	R	S	V	C	A	R	I	N	310									
VN5	LMSFFV	VLYI	LEN	VV	F	YS	R	M	T	F	K	D	G	S	T	F	C	V	I	I	V	S	H	S	YAT	V	SS	F	F	I	T	E	K	R	I	I	K	L	G	S	M	S	S	R	I	V	S	I	277							
VN6	LMSFFV	LM	Y	C	L	D	T	I	S	A	S	R	L	M	H	N	G	E	P	I	H	S	I	Q	M	M	V	S	N	YAT	L	S	P	L	L	I	V	T	E	N	R	I	S	R	F	L	K	S	L	G	R	T	V	D	A	310
VN7	LMTEFFV	VLYI	L	G	T	V	I	F	H	S	R	T	K	F	K	D	G	S	T	F	C	V	I	I	V	S	H	S	YAT	V	SS	F	V	F	S	E	K	R	I	I	K	F	R	S	M	C	G	R	I	V	N	T	311			

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FIGURE 4B

II

III

I-EP3B 59 SKRKKSFLLCIGWLAATDQVGGQLTSPVVILVYLSQRRWLEQL---DPSGRLCIFGLTMTVFGLSLIVASAMA 121
VN2 43 GQRSLTDLPIGLSLINLMLIMACIATDIFISCRRWDDIICKSLLYLYRTFRGLSLSTTCLLSVLQAIIIS 105

FIGURE 4C

III

VN6 KCKSLAHLHRLRLRGLSLCATCLLSIFQAITLSPRSSCLA
 HG25 NISPVYRYRLMRGLSISTTCLLSVLQAINLTPRSSRLA

IV

VN6 KSTQSLCSLLVWAFYMSCGTHYSFTIVADYNFSSRSLIFVTESCIILPMDYITRDLEFFIILGIERDVSFIGLMALSSGYMVALLC 215
 HG25 RSSHFKPRCFLLLWVEHISISGSFLVSTLPSKNVANSVTFTQSSAGPLSCFLGQTIFITMTFQDVSL-QLMAPFSGYMWIILLC

VI

VN6 RHRKGAQHLHRTSLSPKASPEQRATRTILLMSFEVLWYCLDCTISASR 263.
 HG25 RHNRRQSQHLHSINLSPKAPPDKRAIQSILLVSVFFVFMCLFPFAALTLL

[illegible]

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FIGURE 5B FIGURE 5D FIGURE 5F FIGURE 5H

FIGURE 5A FIGURE 5C FIGURE 5E FIGURE 5G FIGURE 5I

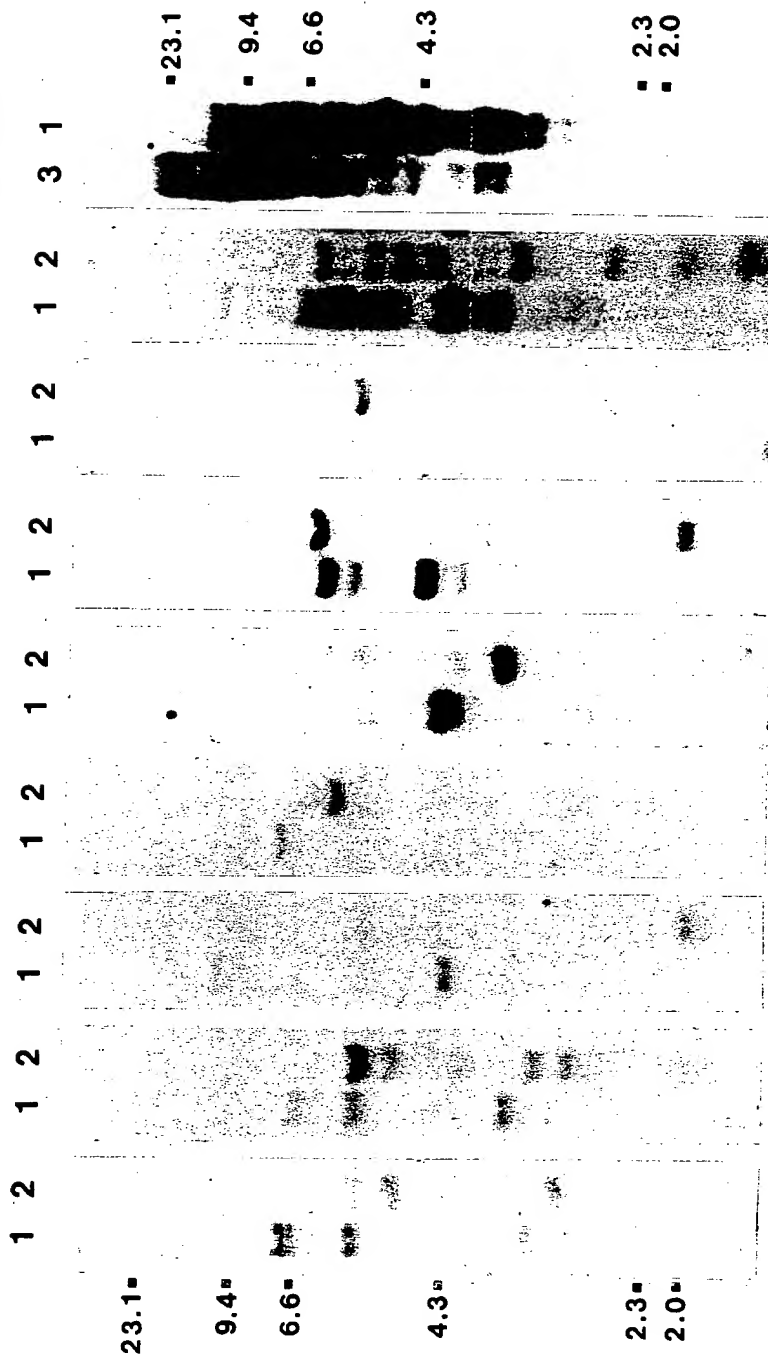


FIGURE 6A

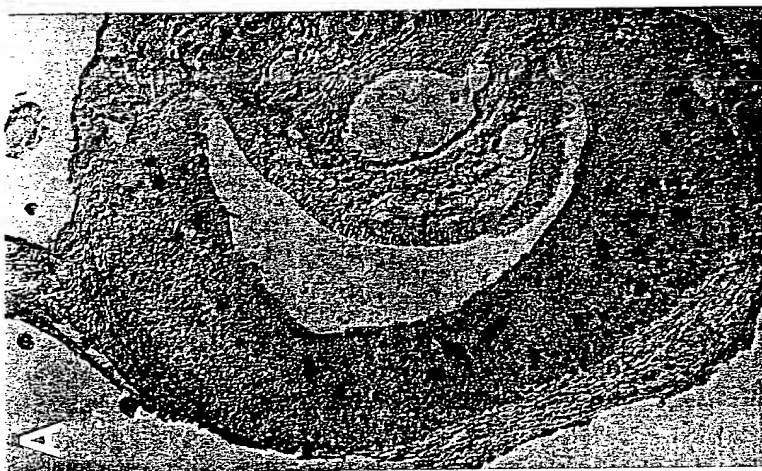


FIGURE 6B

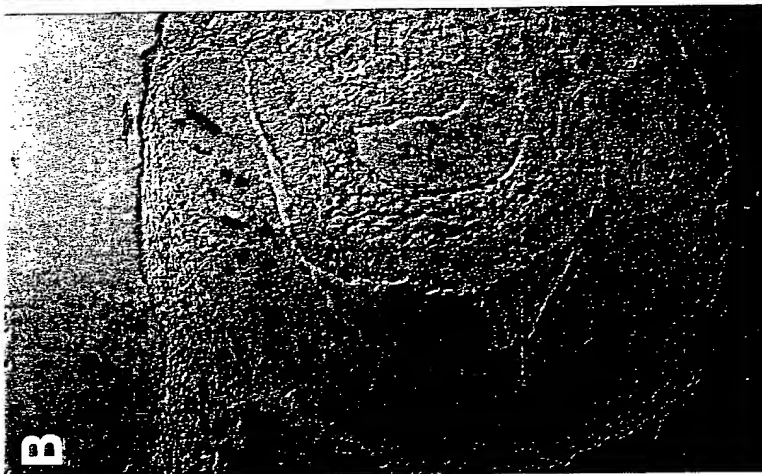


FIGURE 6C



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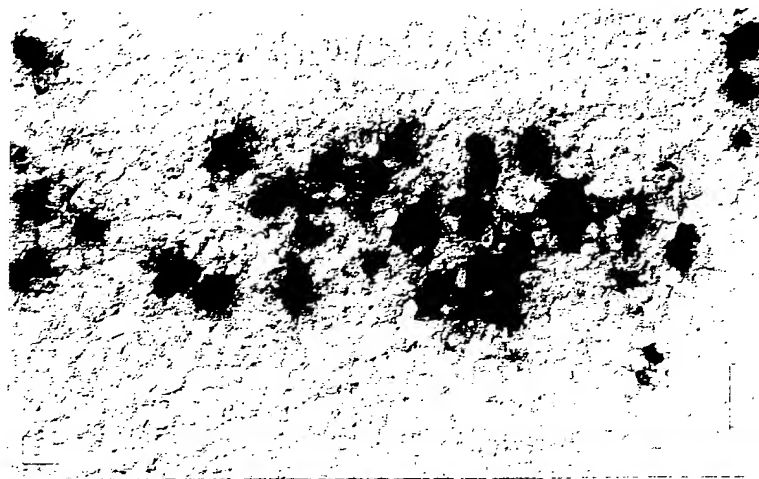


FIGURE 6F



FIGURE 6E

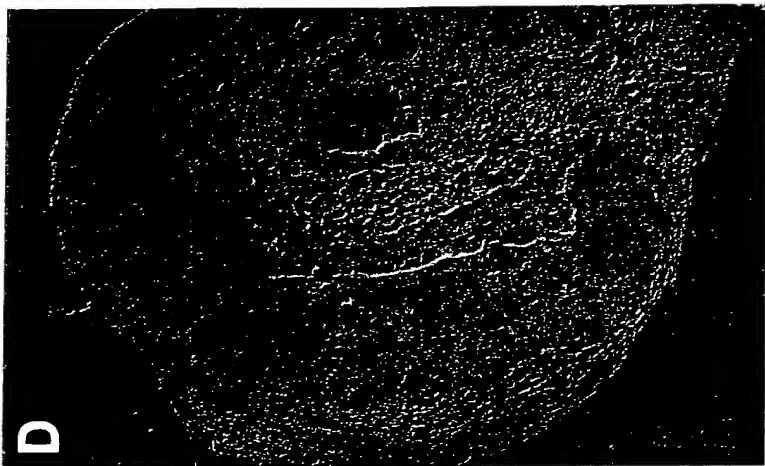


FIGURE 6D

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FIGURE 7



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FIGURE 8

TTTCGGCACGAGTTCACCTGCCCTCGAATTTCAATTTGAGTAAGTGACCAGC
AATGGAGTACAGAATCAGAAGATGGTTGGATCCCAGGCAGGCTGTGGGAGG
AGGAACTCTGGAAGTGCATGAGGAGTTTGAGCACCTGCCATGGAGTAGCTG
ATCTCTGAGGACCCCTCANCACAGGTCCTGTGTTCTACATCAAGTGCATATT
TTTCCTAGGATATTCATTTCCGTAAGTCCTGAAATTACTTAATTTTTATAG
GAGTTCTCATATATGATGAATAAGAACAGCAGACTCTACACTGATTCTAA
CATAAGGAATACCTTTTTTCGCTGAAATTGGCATTGGAGTCTCAGCCAATAG
CCTCCTACTTCTCTTCAACATCTTCAAGTTAATTTGTGGGCAGAGGTCCAGA
CTCACTGACCTGCCCATTGGTCTCTTGTCCCTAATCAACTTACTTATGCTACT
GATGACGGCATTTCATAGCCACAGACACTTTTATTTCTTGGAGAGGGTGGGA
TGACATCATATGTAAATCCCTTCTCTACCTGTACAGAACTTTTAGAGGTCTC
TCTCTTTGTACCAGCTGCCTGTTGAGTGTCTGTCAGGCCATCATCCTCAGTCCC
AGAAGCTCCTGTTTAGCAAAGTTCAAACATAAGCCTTCCCATCACATCTCCT
GTGCCATTCTTTCTCTGAGTGTCTCTACATGTTTATTAGCAGTCACCTCTTA
GTATCCATCATTGCCACCCCAAATTTGACCACGAATGACTTTATTCATGTTA
CTCAGTGGTGCTCTATTCTACCCATGAGTTACCTCATGCAAAGCATGTTTTCT
ACACTGCTGGCCATCAGGGATGTCTTTCTTATTAGTCTCATGGTCCTGTCAAC
ATGGTACATGGTGGCTCTCTTGTGTAGGCACAGGAAACAGACCCGGCATCTT
CAGGGTACCAGCCTTTCCCCAAAAGCATCCCCAGAACAAAGGGCCACCCGTT
CCATCCTGATGCTCATGAGCTTATTTGTTCTGATGTCTGTCTTTGACAGCATT
GTCTGCAGCTCAAGAACTATGTATCTGAATGATCCAATATCTTATTCTTAT
CAACTATTTATGGTGCACATCTATGCCACAGTAAGCCCTTTTGTGTTTATTG
TCACTGAAAAACATATAGTTAACTCTTTGAGGTCCATGTGTGTGAAGGTGC
ATGAATGTTTGAATATTCCTTGATAGCAAGCTCCATTAAGAGGAGCCAAT
GTAAGCATCAGAACTGTCAATCATGGCGTGCTATGTGCTTTGGCATATGTG
AAATATGAAGTTGTTTTTCTGTAAAATGATTTACTTTAACTGACGAGAT
GATGAACGTAACAGAAGATTAAACCACATCCCCTTTGATAT

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FIGURE 9

GTGGATCCCCCGGGCTGCAGGAATTCGGCACGAGCCGTGATTAAGGGACTTTG
AACTTTTCAAGGGATTTGGAGTTTTATGAAGAATTTGAAGATTTACAGAG
TTTACAGGAATGGAGCTGACCAGCCACTATGACATGCCTTATATCTCCAAG
AGCATAAATATAAGGCATGGCATGAGAGGACCAGCAGCCACTGTTCTCAT
ATATGATGAATAAGAACAGCAGAGTCCACACTGATTCTACCATAAGGAA
TACCTTCTCCACTGAAATTGGCATTGGAATCTTAGCCAACAGTTTCCTACTT
CTCTTCCACATCTTCAAGTTTATTCGTGGACAGAGGTCCAGACTCACTGACCT
GCCCCATTGGTCTCTTGTCCCTAATCCACCTACTGATGCTACTGATGGGGGCAT
TCATAGCCATAGACATTTTTATTTCTTGGAGGGGATGGGATGACATCATAT
GTAAATTCCTTGTCTACTTGTACAGAAGTTTTAGAGGTCTCTCTCTTTGTAC
CACCTGCATGTTGAGTGTCTGCAGGCCATCACCTCAGCCCCAGAAGCTCCTG
TTTAGCAAAGTTCAAACATAAGTCTCCCCATCACGTCTCCTGTGCCATTATT
TCGCTGAGCATCCTCTACATGTTTCATTAGCAGTCACCTCTTAGTATCCATCA
ATGCCACCCCCAATTTGACCACGAACAACTTTATGCAAGTTACTCAGTCCTG
CTACATTATACCTTGAGTTACCTCATGCAAAGCATGTTTTCTACACTTCTG
GCCATCAGAGATATCTCTCTTATTAGTCTCATGGTCCTCTCGACTTGTTACAT
GGAGGTTCTCTTGTGTAGGCACAGGAATCAGATCCAGCATCTTCAAGGGACC
AACCTTTCCCCAAAAGCATCTCCAGAACAAAGGGCCACACAGACCATCCTG
ATGCTCATGACCTTCTTTGTCCTAATGTCCATTTTCGACAGCATTGTCTCCTG
TTCAAGAACTATGTATCTGAATGATCCAACATCTTACTATATTCAAATAT
TTGTAGTGGACATCTATGCCACAGTCAGCCCTTTTGTGTTTATGAGCACTGG
AAAACATATAGTTAACTTTTTGAAGTCCATGTGTGTGAGGGTGAAGAATG
TTTGAATATTCATTAATGGACAAGATCCTTTAAGAGGAGCCAATGTAGTC
ATCAGAACTGTCAGTCATGGTGTGCTGTCTATGTGCTTTGGTAAATGTGAA
TCATGAAGTTGTTTTCTGGTAAAATGATTTACTTTAACCAACTCATGATT
GTAAACATGTAACAGGAGATTAAACAATATCCCCTTCGGAAA

FIGURE 10

AATTCGGCACGAGCAAAGGCAGGGAAGATGCTCCACTGGGATGTCATGTCTC
TATGCTCCACAGTGGAAGTTGTACATTGTACAAACACTAAAATTACG
AATTGCTCACAGGCACTAAAAGCTTCCTTAATCCTGTGCAGGATCTCCTCAG
GTACAGAGTCCTCCTGATACGTCTATCTGGTCAGAGGAAAGAGCTGATCAG
TCATTAACAGAGCTGATTTGGTCCCTCCAAGGTCACATGACAAGGACTGTA
TGAGAAAACCAGCAGTGACATGTCTATAGAGATCATTCTGTGCCACACCCA
GCTCCATGTTTGGTTTGTGGTATTTGCTTCCTATCCACATACAATGAATAAA
GACAACACACTCCATGTTGACACAATCATGAAAATCACTATGTTCTCTGA
AGTGAGTGTTGGCATCTTAGCTAACAGTATCCTGTTTTTGGTCACCTGTGC
ATGCTCCTTGGAGAGAACAAGCCTAAGCCCATTCATCTCTACATTGCATCCT
TGTCCCTAACACAATAATGCTGCTTATAACTATGGGACTCATAGCTGCTG
ACATGTTTATTTCTCAGGGGATATGGGATTCTACCTCATGCCAGTCCCTTAT
CTATTTGCACAGGCTTTCGAGGGGTTTTACCCTTAGTGCTGCCTGTCTGCTGA
ATGTCTTTTGGATGATCACTCTCAGTTCTAAAAAATCCTGTTTAAACAAAGT
TTAAACATAACTCTCCCCATCACATCTCAGGTGCCTTTCTTCTCCTCTGTGTT
CTCTACATGTGTTTTAGCAGTCACCTTATTTTATCGATTATTGCTACCCCTA
ACTTGACCTCAGATAATTTTATGTATGTTACTAAGTCCTGTTTCTATTCTACC
CATGTGTTACTCCAGAACAAGCATGTTTTCCACAACAATTGCTGTCAGGGA
AGCCTTTTTTATCGGTCTCATGGCCCTGTCCAGTGGGTACCTGGTGGCTTTCCT
CTGGAGACACAGGAAGCAGGCCCAGCATCTTCACAGCACCGGCCCTTCTTCA
AAGTCATCTCCAGAGCAAAGGGCCACCGAGACCATCCTGCTGCTTATGAGTT
TCTTTGTGGTTCTCTACATTTTGGAAAATGTTGTCTTCTACTCAAGGATGAA
GTTCAAGGATGGGTCAACATTCTACTGTGTCCAAATTATTGTGTCCCATAGC
TATGCCACTGTCAGCTCTTTTGTGTTTATTTTCACTGAAAAGCGTATGACTA
AGATATTGAGGTCAGTGTGTGCCAGAATAATAAATAAATTGATTATTCAGT
GATGGGTATTGCCCCCTAGAATAAACCATTACGTTGTCATCAGAGGTTTGG
GTCATGACATAATTGGGACATTCTCTGTCTTAAATTGATAAATGAAATTT
TCTTTTTTCTGTTAAAACTGTTTCCTTTGTGTGTGGATGCCCAATATATGA
AAGAAAATAAACACCATGTCCTCTTACATATCCAACCAAAAAAAAAAA
AAA

FIGURE 11

TTTTTCCCACCTCTTCATGCTCTTTGAAAAGAACAGATCTAAGCCCATTGA
TCTCTACATTGCTTTCTTATCCTTAACCCAACTAATGCTGCTTATAACTATT
GGACTTATAGCTGCAGACATGTTTATGTCTCGGGGGAGATGGGATTCTACCA
CATGCCAGTCCCTTATCTATTTGGACAGGCTTTTGAGGGGTTTTACCCCTTGT
GCTACCTGTCTGCTGAATGTCCTTTGGACCATCACTCTCAGTCCTAGAAGCTC
CTGTTTAACAACATTTAAACATAAATCTCCCCATCACATCTCAGGTGCCTT
TCTTTTCTTCTGTGTTCTCTATATATCTTTTGGCAGTCACCTCTTTTTATCAA
CAATTGCTACCCCCAATTTGACTTCAGATAATTTTATGTATGTTACTAAAT
CCTGTTCAATTTCTACCCATGAGTTACTCCAGAACAAGCATGTTTTCCACACC
AATGGCCATCAGGGAAGCCCTTCTTATTGGTCTCATTGGCCTGTCCAGTGGGT
ACATGGTTGCTTTCCTATGGAGACACAAGAATCAGGCCCCGGCATCTTCACAG
CACCAGCCTTTCTTCAAAAAGTGTCCCCAGAGCAAAGGGCCACCAGGACCATC
ATGATTCTCATGAGCTTCTTTGTGGTTCTCTACATTTTGGAAAATGTTGTCT
TCTACTCTAGGATGACATTCAAGGATGGGTCAATGTTCTACTGTGTCCAAA
TTATTGTGTCCCATAGCTATGCCACCATCAGCCCTTTTGTGTTTATTTGCACA
GAAAAGCGTATAATTAACTTTGGGGGTCAATGTCTAGCAGAATAGTAA
GTATTTGATTACTCAGTGATGGATATGGTCCCTTAATATAAACCAATATG
TTGTCATAATAACTATGGATCATGACATATTGGGGACATTCTGTGTCTTAA
ATTTATAAAAAAAATTTTCTTTTTTTTGTGTTTAATCTGTTTCCCTTGTGTG
TGGATGATAAGTATATAAAGGGAAATTAAACAGCGTGTCCCCTCAGATAT
CCAAAAAAAAAAAAAAAAAAAA

FIGURE 12

GGGCTGCAGGAATTCGGCACGAGTCAGAGTCCTTCCCTGCTATGTGTATCTGG
AGCCAGCGACTCTTCTATGGAGAGCAGCTGTGCAGGCAGGTGGTGGAGCGGA
AGAAGGCGTGCTGCTGTGACATCATCAAGATGCTGCCTAGCCCTGCGTCGCTG
CTCTTCTGAGGAAGCAGGAGACTGACCCCTGTGACAATGACTTGATGAGTCA
CTCTGTTGTCTACTTACCCTAGTTCTTTGTCCCATAACAATGAGGAGAATCAG
CACACTGTATGGAGTTGTTGACAAGCAAGCTATATTTTTCTCTGAAGTAGT
CATCGGGATCTCATTCAACAGTATCCTCTTCCCTCTTCCACATCTTTCAGTTCC
TTCTTGAGCGTAGGGCTCCGGATCACTGACCTGATCATCAGTCTCTTGGCCCTC
ATCCACCTTGGGATGCTAACAGTCATGGGATTGAGAGCTGTTGATATTTTTG
CATCTCAGAATGTGTGGAATGACATCAAATGCAAATCCCTTGGCCACTTAC
ACAGACTTTTGAGGGGCCCTCTCTCTTTGTGCTACCTGTCTGCTGAGTATCTTCC
AGGCCATCACCTTAGCCCCAGAAGCTCCTGTTTAGCAAAGTTCAAATATA
AATCCACACAGCACAGCCTGTGTTCCCTTCTTGTGCTCTGGGCCTTCTACATGT
CCTGTGGTACTCACTACTCCTTCACCATCGTTGCTGACTACAACCTTCTCTTCAC
GCAGTCTCATATTTGTCACTGAATCCTGCATTATTTTACCCATGGATTACAT
CACCAGGGATTTATTTTTCATATTGGGGATATTTTCGGGATGTGTCCTTCATA
GGTCTCATGGCCCTCTCCAGCGGGTACATGGTGGCCCTCTTGTGCAGACACAGG
AAACAGGCCCAGCATCTTCACAGGACCAGCCTTTCTCCAAAAGCATCCCCAG
AGCAAAGGGCCACCAGGACCATCCTGTTGCTCATGAGCTTCTTTGTGTTGAT
GTACTGCTTGGACTGCACCATATCCGCCTCCAGACTTATGCACAACGGTGAA
CCAATCCACCACAGTATTCAGATGATGGTCTCCAATAGCTATGCCACCCTCA
GCCCTTTGCTGTTAATTGTTACTGAAAATCGAATTAGTAGGTTTTTTGAAGT
CCTTGCTAGGAAGGACAGTAGATGCTTAAGTATTGAGGGGAGGCAGGCCCA
CTAAAGGAGCCAATATGCTAGCTACTGAATAATGAATCCTGGCCTAGTCCT
CATGCAATCCTGAACAAATTAATACATGACTCATGCTTCGTTAAACCTGCT
TCTTTTGAAATGTGTATTACCAACACCTGTAGATATTTGAGTCAAATTTCT
TCATGTGTATTTCTTCTCAGTGTGAGTAGGGGACATCTGTGACACTTTTACA
GATTAGGGTAACCTGTGCACTTATCAATAAGCTAAAGTGTACAGCACATT
TTACTAAGCCAATTATCTCAACAGTTTGTCTTCTACCCAATTAAATATGTA
AATGTTACCACCAAAAAAAAAAAAAAAAAAAAAA

FIGURE 13

TTGGGGTAAAACGGCTCGATGACTTCCACATGTTTTGCCATGGCAGAATCTG
CTCCATGCGGGACAAGAAAATCTCTTTCTGGTCTGACGGNGCTTACTGCTG
AATTCACTGTTCGGCGAAGGTAAGTTGATGACTCATGATGAACCCTGTTCTA
TGGCTCCAGATGACAAACATGATCTCATATCAGGGACTTGTTTCGCACCTTCC
CTAACAGTATCCTGTTTTTTGCCACCTCTGCATGTTCTTTGAAGAGAACAG
GTCTAAGCCCATTGATCTGTGCATTGCTTTCTTATCCTTAACCCAACTAATG
CTGCTTGTAACATGAGGACTCATAGCTGCAGACATGTTTATGGCTCAGGGGA
TATGGGATATTACCACATGCAGGTCCCTTATCTATTTTCACAGACTTTTGAG.
GGGTTTCAACCTTTGTGCTGCCTGTCTACTGCATATCCTTTGGACCTTCACTCT
CAGTCCTAGAAGCTCCTGTTTAAACAAAGTTTAAACATAAATCTCCCCATCA
CATCTCAGGTGCCTATCTTTTCTTCTGTGTTCTCTATATGTCCTTTAGCAGTC
ACCTCTTTGTATTGGTCATTGCTACCTCCAATTTAACCTCAGATCATTTTAT
GTATGTTACTCAGTCCTGCTCACTTCTACCCATGAGTTACTCCAGAACAAGC
ACGTTTTCTTACTGATGGTCACCAGGGAAGTCTTTCTTATCAGTCTCATGGC
CCTGTCCAGTGGGTACATGGTGACTCTCCTATGGAGGCACAAGAAGCAGGCC
CAGCATCTTCACAGCACCAGACTTTCTTCAAAAGCATCCCCACAGCAAAGGG
CCACCAGGACCATCCTGCTGCTTATGACCTTCTTTGTGGTTTTCTACATTTTA
GGCACTGTTATCTTCCACTCAAGGACTAAGTTCAAGGATGGGTCAATCTTCT
ACTGTGTCCAAATTATTGTGTCCCATAGCTATGCCACTATCAGCCCATTGT
GTTTGTTTTTTCTGAAAAGCGCATAATCAAGTTTTTTAGATCAATGTGTGG
CAGAATAGTAAATACTTGATTATTCAGTATGAGTATGGGTCATGAATAT
AGTCTAGTAAATTGTGATCAGAGTTATGGCTCATGACATATTAACAAACAT
TCTCTAATTTAAGTTTAAACATATAAAATTATCTTATTTCTCTTAAATGTG
TTTACTTTGTGTGTATTAAAAGTATGTAAAAGATAATTAATCCCAAAT
ACACCTTTTTTCAAATTAACAAA

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FIGURE 14

1	AAACATAAGT	CCAGTTATCT	ACAGGTACAG	GTTGATGAGA	GGCCTCTCCA	TTTCCACCAC
61	CTGCCGTGTG	AGTGTCCTCC	AGGCCATCAA	CCTCACCCCA	AGGAGCTCCC	GTTTGGCAAT
121	GTTCAGAGAT	CCTCACATCA	CAAAACCGGT	TGCTTTCTCT	TGCTGTGGGT	CTTCCACATA
181	TCCATTAGTG	GAAGCTTCTT	AGTCTCCACT	CTTCCCCTCCA	AAATGTTGC	CTCAAAATAGT
241	GTTACATTTG	TCACTCAATC	CTGCTCTGCT	GGGCCCCCTGA	GTTGCTTCCCT	TGGGCAGACA
301	ATTTTCACAC	TGATGACATT	TCAGGATGTC	TCCTTGCAGC	TCATGGCCCCC	CTTCAGTGGG
361	TACATGGTGA	TTCTCTTTTG	CAGGCATAAC	AGGAGTCTC	AGCATCTTCA	TAGTATCAAC
421	CTTTCTCCAA	AAGCACCCCC	AGATAAAAGG	GCCATCCAGA	GCATTTCTTT	GCTCGTGAGT
481	TTCTTTTGTT	TCAATGTGCCT	TTTCCCATT	GCTGCCCTTAA	CACTTCTGTC	